

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. 16113-1130001	Application No. 10/807,264
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Adam J. Weissman et al.	
		Filing Date March 24, 2004	Group Art Unit 2167

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	1	5,128,865	07-07-1992	Sadler			
	2	5,680,511	10-21-1997	Baker et al.			
	3	5,694,523	12-02-1997	Wical			
	4	5,778,362	07-07-1998	Deerwester			
	5	5,873,056	02-16-1999	Liddy et al.			
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	7	6,247,009	06-12-2001	Shiiyama et al.			
	8	5,987,404	11-16-1999	Della Pietra et al.			

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes No

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	9	Sutcliffe, R.F.E. et al. "The Automatic Acquisition of a Broad-Coverage Semantic Lexicon for use in Information Retrieval", Proc of the AAI Symp 'Representation and Acquisition of Lexical Knowledge: Polysemy, Ambiguity and Generativity, Mar. 27-29, 1995, Technical Report SS-95-01, pp. 163-167.
	10	Brachman, R.J. and Schmolze, J.G. "An Overview of the KL-ONE Knowledge Representation System", Cognitive Science Vol. 9, 1985, pp 171-216.
	11	Budanitsky, A "Lexical Semantic Relatedness and its Application in Natural Language Processing", Technical Report CSRG-390, Computer Systems Research Group, University of Toronto, pp 1-146, August 1999.
	12	Caudal, P. "Using Complex Lexical Types to Model the Polysemy of Collective Nouns within the <i>Generative Lexicon</i> ", Proceedings of the Ninth International Workshop on Database and Expert Systems Applications, 1998, pp. 154-159.
	13	Chakravarthy, A.S. and Haase, K.B. "NetSerf: Using Semantic Knowledge to Find Internet Information Archives", Proc of the 18 th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval, July 1995, pp. 4-11.
	14	Collins, A.M. and Loftus, E.F. "A Spreading-Activation Theory of Semantic Processing", Psychological Review, Vol. 82, No. 6, 1975, pp. 407-428.
	15	Ferri et al. "Toward a Retrieval of HTML Documents Using a Semantic Approach", IEEE International Conference on Multimedia and Expo. Vol. 3, 2000, pp. 1571-1574.
	16	Meijs, W. "Inferring Grammar from Lexis: Machine-Readable Dictionaries as Sources of Wholesale Syntactic and Semantic Information", IEEE Colloquium on Grammatical Inference: Theory, Applications and Alternatives, 1993, pp. P3/1-P3/5.

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	17	Mihalcea, R. and Moldovan, D. "Semantic Indexing using WordNet Senses", Proc of the ACL Workshop on IR and NLP Oct. 2000, pp. 35-45.
	18	Rada, R. et al. "Development and Application of a Metric on Semantic Nets", IEEE Transactions of Systems, Man and Cybernetics, Vol. 19, No. 1, Jan/Feb/1989, pp. 17-30.
	19	Resnik, P. "Semantic Similarity in a Taxonomy: An Information-Based Measure and its Application to Problems of Ambiguity in Natural Language", Journal of Artificial Intelligence Research, Vol. 11, July 1999, pp. 95-130.
	20	Smeaton, A.F. and Quigley, In. "Experiments on Using Semantic Distances Between Words in Image Caption Retrieval", Proc of the 19 th International Conference on Research and Development in Information Retrieval, August 1996, pp. 174-180.
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	23	Buckley, C. et al. "Automatic Query Expansion Using SMART:TREC-3", Proceedings of the Text Retrieval Conference (TREC3), November 1994, pp. 69-81.
	24	Budanitsky, A. and Hirst, G. "Semantic Distance in WordNet: An Experimental, Application-Oriented Evaluation of Five Measures", Proc of the North Amer. Association for Computational Linguistics, WordNet and Other Lexical Resources Workshop, June 2-7, 2001.
	25	Sutcliffe, R.F.E. et al. "Beyond Keywords: Accurate Retrieval from Full Text Documents", Proceedings of the 2 nd Language Engineering Convention, October 16-18, 1995.

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